

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re application of: Haensel *et al.*

Atty. Docket No.: 1996P08661WOUS

Application Serial No.: 09/202,759

Examiner: S. Azarian

Filing Date: 28/02/2000

Art Unit: 2625

For: Method of Processing Postal
Matters

Confirmation No.: 3327

SUBMISSION OF INFORMATIONExaminer Seyed Azarian

Sixth Floor

Group Art Unit 2625

Crystal Park II

2121 Crystal Drive

Arlington, VA 22202

FAX: +1 703 746 6012

Dear Examiner Azarian:

Via Facsimile, pages 7

Further to our conversations, enclosed please find some PowerPoint screenshots depicting the above identified invention. As can be seen from the screenshots, the present invention returns a second time to the OCR with information obtained from the video coding. In the return, the database is again queried. Because of the additional information, a more restricted database search can now be performed. This step is found in claim 1, last paragraph. The cited prior art (Hiramatsu) does not revisit the OCR. Rather, Hiramatsu leaves it up to the encoder to manually enter an unread entry.

Also further to our telephone conversations, when convenient, I would like to discuss the invention with you by telephone by way of a telephonic interview. We had at one point discussed tomorrow at 10:00 AM EST. Is this time still available for you? I will call you today to confirm safe receipt of this facsimile as well as confirm a convenient time for us to chat by telephone.

Respectfully Submitted,

Date: August 11, 2003

SIEMENS SCHWEIZ

Customer No. 28204

Intellectual Property, IP I-44

Albisriederstrasse 245

CH-8047 Zürich, Switzerland

Tel: +41 (0) 585 583 295, Fax: +41 (0) 585 583 228



Jacob Eisenberg

Attorney for Applicant

Registration No. 43,410

Interactive Video Coding

Page 9 of Description

UN P 3001 DE
PCT/EP 9700167

character code for the video frame "1001" as well as the frame number "01". Display frame other than a divided display can be used as well. This type of information is used to modify matching errors in the address allocation 134. A complete evaluation of the address information of the respective image leading to a comparison of a clear comparison between the input information and an entry in the address allocation 134 was found. However, such an address comparison cannot be achieved for a certain percentage of cases because a number of different address codes correspond to the coded address information.

According to Figure 3, a decision 220 is made to decide whether the address information of an image was evaluated completely during the video coding.

As shown in Figure 3, the decision 220 is made to decide whether the address information of an image was evaluated completely during the video coding.

In case of a negative decision

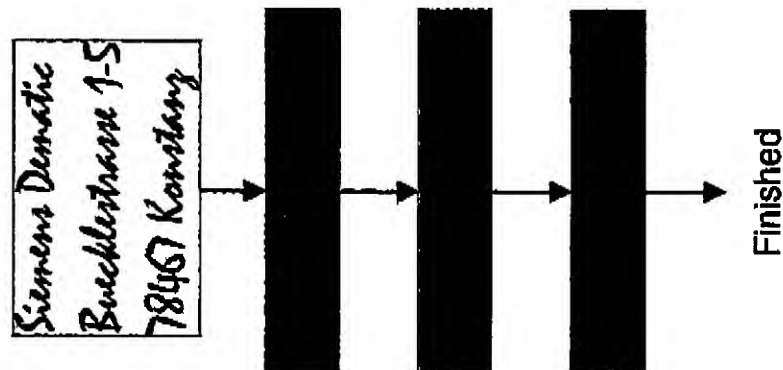
(No), the invention provides for another automatic evaluation by using the results of the video coding, meaning that for this further automatic evaluation, the information obtained through video coding is available to the OCR processor in addition to the information shown on the image.

According to a decision 220, a complete evaluation of the respective image has been made. In the positive case (Yes), the respective information is used for further coding of the data, in the negative case (No), the respective information is used for further

AMENDED PAGE

3

Interactive Video Coding Overview



Interactive Video Coding Online OCR – City name resolved successfully

Online OCR

Aachen	Freiburg	Varel
Ahlberg	Friedrichshafen	Velberg
Altenau	Fuerth	Velchede
Anweiler	Fulda	Vechta
Aschaffenburg	Göttingen	Venden
Baden Baden	Gneisenau	Waldshut
Bargteheide	Halle	Walsrode
Berlin	Hamburg	Wangen
Biberach	Heidelberg	Wedel
Brandenburg	Hildesheim	Westerland
Bonn	Ingelheim	Weizlahr
Borneim	Itzehoe	Wiesbaden
Bremen	Jena	Wiesmoor
Calw	Jever	Wilhelmshaven
Cloppenburg	Juelich	Witten
Chemnitz	Kassel	Wolfsburg
Coburg	Konstanz	Würzburg
Craishelm		Xanten
Donzdorf		Zabergfeld
Dortmund		Zell
Dresden	Luebeck	Zetal
Düsseldorf	Ludwigshafen	Zeven
Eisenach	Mainz	Zierenberg
Engen	Mannheim	Zimmern
Erfurt	Marl	Zittau
Erlangen	Münster	Zuelpich
Essen	Naumburg	Zwickau
	Nürnberg	
	Überlingen	

in list of ALL city names

Siemens Domatic
Buecklestrasse 1-5
78467 Konstanz



City name
Data base

Interactive Video Coding

Online OCR – Street name not resolved successfully

Online OCR

name in list of ALL street names

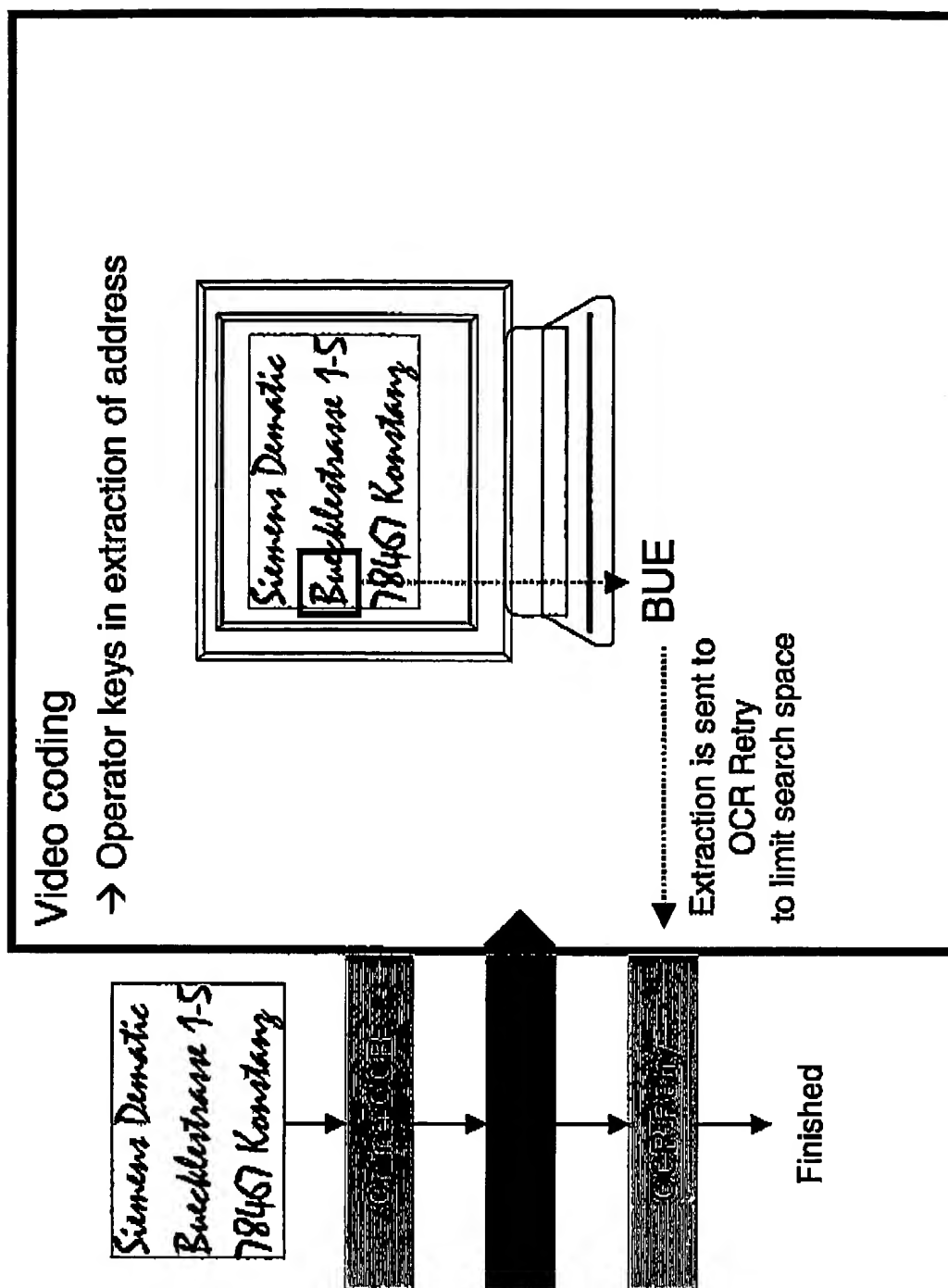
Abendbergweg	Gartenstrasse	Nestgasse	Taborweg
Ackertorweg	Gaußweg	Neugasse	Taegermosstr
Adenauerstrasse	Gerichtsgasse	Neuhof	Talgartenstr.
Aeschenweg	Gottlieb Strasse	Nikolausweg	Tenbrinkstr.
Am Fliesshorn	Gottmanplatz	Oberdorfstrasse	Thingolstr.
Badgasse	Grasweiherweg	Oberföhrenstrasse	Tirolergasse
Baehlerweg	Grüngang	Opelmarkt	Tulengasse
Bahnhostrasse	Händlerstrasse	Opelstrasse	Turmstrasse
Berchenstrasse	Hafenstrasse	Pappelweg	Uferstrasse
Bergweg	Hafenweg	Rialzgarten	Uhländweg
Buecklestrasse	Heidelmoosweg	Reuengasse	Untere Laube
Buedelsdorffallee	Hofhaide	Rheinweg	Waldstrasse
Buehrenweg	Im Baumgarten	Raitebergweg	Wallgutstrasse
Buergerstrasse	Inselgasse	Rathausplatz	Waldstrasse
Buergerplatz	Irisweg	Rauhgasse	Webersteig
Buerfelberg	Jahnstrasse	Rebweg	Weihenstrasse
Carl-Benz-Strasse	Jakobstrasse	Rosenuweg	Wiesenstrasse
Cherisystrasse	Kamorstasse	Sackgasse	Winkelgasse
Dachenstrasse	Kanzelweg	Saentisblick	Wollgrasweg
Dammgasse	Katzgasse	Salemmer Weg	Wuhrweg
Derbyweg	Keplerweg	Salesianer Weg	Zaehninger Platz
Doebelestrasse	Kirchgasse	Schliffstrasse	Zaendergasse
Ebertplatz	Lerchenweg	Seestrasse	Zalusstrasse
Eibenweg	Linzgaublick	Seaulerweg	Zellerstrasse
Engelsteig	Loretosteiig	Stelnstrasse	Zergleweg
Farnweg	Macairestrasse	Stettiner Strasse	Ziegelhofweg
Färberstrasse	Mainaustrasse	Silferstrasse	Zollernstrasse

Siemens Dematic
Buecklestrasse 1-5
78467 Konstanz



Street name
Data base

Interactive Video Coding Video Coding



Interactive Video Coding OCR Retry

OCR Retry

Video coding is used to delimit

Abendbergweg	Gartenstrasse	Nestgasse	Tabornweg
Ackertorweg	Gaußweg	Neugasse	Taegermoostr
Adenauerstrasse	Gerichtsgasse	Neuhof	Talgartenstr.
Aeschenweg	Gottlieb Strasse	Nikolausweg	Tenbrinkstr.
Am Fliesshorn	Gottmanplatz	Oberdorfstrasse	Thingolstr.
Badgasse	Grasweiherweg	Oberlohnstrasse	Tirolergasse
Bäckerweg	Gürtelgang	Obermarkt	Tulengasse
Bahnhofstrasse	Händelstrasse	Opelstrasse	Turmstrasse
Bergstrasse	Hefenstrasse	Pappelweg	Uferstrasse
BUECKLESTRASSE	Hofweg	Pfalzgarten	Unlandweg
BUECKLESTRASSE	Hofhaide	Pflauegasse	Untere Laube
BUECKLESTRASSE	Im Baumgarten	Pirmingweg	Waldstrasse
BUECKLESTRASSE	Im Baumgarten	Raltebergweg	Walgutstrasse
BUECKLESTRASSE	Im Baumgarten	Rathausplatz	Waldstrasse
BUECKLESTRASSE	Im Baumgarten	Rauhgasse	Webersteig
BUECKLESTRASSE	Im Baumgarten	Rebweg	Weihenstrasse
BUECKLESTRASSE	Im Baumgarten	Rosenuweg	Wiesenstrasse
BUECKLESTRASSE	Im Baumgarten	Sackgasse	Winkelgasse
BUECKLESTRASSE	Im Baumgarten	Saentiblick	Wollgrasweg
BUECKLESTRASSE	Im Baumgarten	Salmer Weg	Wuhweg
BUECKLESTRASSE	Im Baumgarten	Salesianer Weg	Zaehinger Platz
BUECKLESTRASSE	Im Baumgarten	Schliffstrasse	Zandergasse
BUECKLESTRASSE	Im Baumgarten	Seestrasse	Zasiusstrasse
BUECKLESTRASSE	Im Baumgarten	Saeuferweg	Zellerstrasse
BUECKLESTRASSE	Im Baumgarten	Steinstrasse	Zergleweg
BUECKLESTRASSE	Im Baumgarten	Stettiner Strasse	Ziegelhofweg
BUECKLESTRASSE	Im Baumgarten	Stiftenstrasse	Zollenstrasse

Siemens Dematic
Buecklestrasse 1-5
78467 Konstanz

Street name
Data base

BUE

Input from
Video coding